

Mohit Jain

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About Me

DevOps Engineer with **2 years of hands-on experience** in building and maintaining **CI/CD pipelines**, working with tools like **Jenkins, Ansible, Prometheus**, and **Grafana**. Skilled in **automation, cloud platforms (AWS & Azure), monitoring**, and creating **client-facing architecture documentation**. Strong in troubleshooting, system reliability, and cross-team collaboration.

Technical Skills

- **Programming Language:** Python | Java | MySQL | Bash
- **DevOps Tools:** Docker | Kubernetes | Helm | Jenkins | Ansible | Terraform | GitHub | AWS |
- **Web Development:** HTML | CSS | JavaScript | PHP | Flask | Bootstrap | RESTful APIs |
- **Key skills:** OOPs | DBMS | DevOps | **CI/CD Pipelines** | Automation | Containerization | **Linux/Unix** | Version Control | Git | **VMWare** | Cloud Computing | IaaS

Certificates

- [DevOps Beginner to advance](#) Relevant Skills: Docker, K8s, CI/CD, Automation, AWS
- [Certified Software Developer](#) Relevant Skills: HTML, CSS, JavaScript, Bootstrap
- [Certified Laravel Developer](#) Relevant Skills: SDLC, MySQL, PHP, Laravel, JavaScript, MVC

Work Experience

[DevOps Engineer Intern](#)

[Qualys: \(6 months\)](#)

- Designed and implemented a performance benchmarking pipeline for base Docker images; automated **CPU, memory, disk IOPS, and latency tests** using **Ansible**, integrated with **Jenkins** pipelines.
- Improved observability dashboards (**Prometheus, Grafana**) and optimized autoscaling in **OKE (Oracle Kubernetes Engine)** clusters.
- Enhanced **CI/CD pipeline** security by dynamically handling **TLS configurations**, increasing job reliability.
- Worked closely with **Ansible** to automate **Kubernetes** cluster setup and CI/CD pipelines; collaborated with cross-functional teams to troubleshoot and optimize production systems.
- Gained strong expertise in **scalability, performance tuning**, and **secure deployments** in cloud-native environments.

[DevOps Engineer Intern](#)

[Solytics Partners: \(3 months\)](#)

- Developed and maintained CI/CD pipelines for **Preprod, QA, Dev**, and **Production** environments.
- Worked extensively with **Jenkins**, managing pipeline jobs and troubleshooting deployment issues.
- Built new pipelines tailored for infrastructure hosted on **Microsoft Azure**, post migration from **AWS**.
- Collaborated closely with the **Ansible** team to support **configuration** automation and deployment scripts.
- Created detailed architectural presentations (PPTs) illustrating the post-migration Azure setup for **client demonstrations**, based on specifications provided by senior engineers.

[DevOps Engineer Intern](#)

[Lovenheal: \(9 months\)](#)

- **CI/CD Pipeline & Deployment:** Developed and maintained Jenkins CI/CD pipelines; resolved SSL certificate issues in production.

- **Website Monitoring:** Automated website uptime checks with Bash scripts and Cron, ensuring continuous monitoring. Also automated DB backups.
- **Server Monitoring:** Designed Grafana dashboards integrated with Prometheus and Node Exporter for real-time server health monitoring.
- **Log Visualization:** Built log visualization system using Grafana, Loki, and Promtail for centralized log monitoring.
- **Automation Testing:** Developed automated Selenium scripts to streamline testing and improve deployment quality.

DevOps Intern

Hackveda: (6 months)

- **Developed & Deployed Full DevOps Pipeline:** Set up a cloud-based environment on AWS, integrating Git and CI/CD practices.
- **Automated Build & Deployment:** Managed Jenkins pipelines for automated builds, testing, and deployment, integrated with Git.
- **Containerization & Deployment:** Containerized applications with Docker and deployed to AWS via Jenkins.
- **NGINX Configuration:** Implemented NGINX as a reverse proxy for load balancing and routing.
- **Cloud Setup:** Managed Linux instances on AWS EC2, integrating Docker, Jenkins, and Git for seamless DevOps operations.

Projects

Appointment Management System:

- **Objective:** Streamline scheduling processes for administrators and users using Agile development practices.
- **Implementation:** Used PHP, MySQL, HTML, CSS, JavaScript, Bootstrap. Applied DBMS principles like 3NF for efficient database design and MVC architecture for maintainable code.
- **Outcome:** Created a scalable, responsive web application, improving database performance.

CI/CD for Docker, K8s using Jenkins:

- **Objective:** Automate the Docker container delivery pipeline and Kubernetes deployment with Test-Driven Development best practices.
- **Implementation:** Leveraged Jenkins for CI/CD, Docker for containerization, and Helm for Kubernetes deployment.
- **Outcome:** Improved application deployment efficiency, minimized production bugs, and enhanced overall code quality through automated testing and continuous integration.

Flask App Deployed using AWS CI/CD:

- **Objective:** Build and deploy a scalable task manager application using AWS CI/CD services while focusing on system architecture and performance optimization.
- **Implementation:** Used **Flask**, Python, **AWS CodeDeploy**, and **AWS CodeBuild** to automate the build and deployment process. Optimized the system architecture to ensure scalability and reliability.
- **Outcome:** Reduced deployment time by 40% and improved application performance through enhanced architecture design and automated deployments.

Education

- **B.Tech in Computer Engineering** - Vishwakarma University, Pune (2022 – 2025)
- **Diploma in Computer Engineering** - VPMP Polytechnic, Ahmedabad (2019 – 2022)